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PATENT

IN THE CLAIMS

The current claims follow. For claims not marked as amended in this response, any difference in the claims below and the previous state of the claims is unintentional and in the nature of a typographical error.

1. (Previously Presented) For use in a browser, a converter for automatically adapting markup language documents for display in small areas comprising:

a conversion controller for scanning a portion of markup language source selected for display for tags associated with graphical elements and automatically replacing each detected graphical element within the selected markup language source portion with one of a plurality of placeholders having labels corresponding to a set of buttons,

wherein the plurality of placeholders are reused to replace detected graphical elements within other portions of the markup language source when such other portions are selected for display.

2. (Original) The converter according to claim 1, wherein each button is a physical switch or display element functioning as a user control for initiating display of a graphical element replaced by a corresponding placeholder.

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3. (Original) The converter according to claim 1, wherein the graphical elements replaced by one of the placeholders includes images, user controls, hyperlinks, tables, and animations.

4. (Previously Presented) The converter according to claim 1, wherein the conversion controller, responsive to selection of the markup language source portion for display, automatically replaces a tag associated with each detected graphical element with a link to one of the placeholders.

5. (Previously Presented) The converter according to claim 4, wherein the conversion controller, responsive to selection of a different portion of the markup language source for display including a different set of graphical elements than the previously selected markup language portion, automatically replaces a tag associated with each detected graphical element within the different markup language source portion with a link to one of the placeholders, thereby reusing placeholders for the different set of graphical elements.

6. (Original) The converter according to claim 4, wherein the conversion controller passes altered markup language source containing at least one link to one of the placeholders in place of a graphical element within the selected markup language source portion to a markup language interpreter for rendering and display.

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7. (Original) The converter according to claim 6, wherein actuation of a button corresponding to a placeholder within a displayed portion of the altered markup language source initiates display of the graphical element replaced by the corresponding placeholder.

8. (Previously Presented) A communications device comprising:
a display;
an input for receiving a markup language document to be displayed on the display; and
a conversion controller scanning a selected display portion of source for the markup language document for tags associated with graphical elements and automatically replacing each detected graphical element within the selected markup language source portion with one of a plurality of placeholders having labels corresponding to a set of buttons,

wherein the plurality of placeholders are reused to replace detected graphical elements within other portions of the markup language source when such other portions are selected for display.

9. (Original) The communications device according to claim 8, wherein each button is a physical switch or display element functioning as a user control for initiating display of a graphical element replaced by a corresponding placeholder.

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10. (Original) The communications device according to claim 8, wherein the graphical elements replaced by one of the placeholders includes images, user controls, hyperlinks, tables, and animations.

11. (Previously Presented) The communications device according to claim 8, wherein the conversion controller, responsive to selection of the markup language source portion for display, automatically replaces a tag associated with each detected graphical element with a link to one of the placeholders.

12. (Previously Presented) The communications device according to claim 11, wherein the conversion controller, responsive to selection of a different portion of the markup language source for display including a different set of graphical elements than the previously selected markup language portion, automatically replaces a tag associated with each detected graphical element within the different markup language source portion with a link to one of the placeholders, thereby reusing placeholders for the different set of graphical elements.

13. (Original) The communications device according to claim 11, wherein the conversion controller passes altered markup language source containing at least one link to one of the placeholders in place of a graphical element within the selected markup language source portion to a markup language interpreter for rendering and display.

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14. (Original) The communications device according to claim 13, wherein actuation of a button corresponding to a placeholder within a displayed portion of the altered markup language source initiates display of the graphical element replaced by the corresponding placeholder.

15. (Previously Presented) A method of adapting markup language documents for display in small areas comprising:

scanning a portion of markup language source selected for display for tags associated with graphical elements;

automatically replacing each detected graphical element within the selected markup language source portion with one of a plurality of placeholders having labels corresponding to a set of buttons; and

reusing the plurality of placeholders to replace detected graphical elements within other portions of the markup language source when such other portions are selected for display.

16. (Original) The method according to claim 15, wherein each button is a physical switch or display element functioning as a user control for initiating display of a graphical element replaced by a corresponding placeholder.

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17. (Original) The method according to claim 15, wherein the graphical elements replaced by one of the placeholders includes images, user controls, hyperlinks, tables, and animations.

18. (Previously Presented) The method according to claim 15, wherein the step of automatically replacing each detected graphical element within the selected markup language source portion with one of a plurality of placeholders having labels corresponding to a set of buttons further comprises:

responsive to selection of the markup language source portion for display, automatically replacing a tag associated with each detected graphical element with a link to one of the placeholders.

19. (Previously Presented) The method according to claim 18, wherein the step of reusing the plurality of placeholders to replace detected graphical elements within other portions of the markup language source when such other portions are selected for display further comprises:

responsive to selection of a different portion of the markup language source for display including a different set of graphical elements than the previously selected markup language portion, automatically replacing a tag associated with each detected graphical element within the different markup language source portion with a link to one of the placeholders, thereby reusing placeholders for the different set of graphical elements.

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20. (Original) The method according to claim 18, further comprising:
passing altered markup language source containing at least one link to one of the placeholders
in place of a graphical element within the selected markup language source portion to a markup
language interpreter for rendering and display.

21. (Original) The converter according to claim 20, further comprising:
responsive to actuation of a button corresponding to a placeholder within a displayed portion
of the altered markup language source, initiating display of the graphical element replaced by the
corresponding placeholder.